

Polyclonal Antibody to Mouse IgG (H+L chain), adsorbed - Cy5

Alternate names:	Mouse Immunoglobulin G
Catalog No.:	R1457C5
Quantity:	1 mg
Concentration:	1.09 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Mouse IgG, whole molecule
Format:	State: Lyophilized purified IgG fraction Purification: Immunoaffinity Chromatography Buffer System: 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 Preservatives: 0.01% Sodium Azide Stabilizers: 10 mg/ml BSA (IgG and Protease free) Label: Cy5 – (Molecular Weight 975 daltons) <i>Absorption / Emission:</i> 650 nm / 667 nm <i>Molar Ratio:</i> 16.2 moles Cy5™ per mole of Goat IgG Reconstitution: Restore with 1.0 ml of deionized water or equivalent.

Applications: This product is designed for **Immunofluorescence microscopy**, fluorescence based plate assays (**FLISA**) and fluorescent **Western blotting**. Also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Recommended Dilutions: FLISA: 1/10,000-1/50,000.
Immunofluorescence: 1/1,000-1/5,000.
Flow Cytometry: 1/500-1/2,500.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This product was prepared from monospecific antiserum by Immunoaffinity Chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities and extensive dialysis against the buffer.
Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgG and Mouse Serum.
No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rat, Rabbit and Sheep Serum Proteins.

Species Reactivity: **Tested:** Mouse.

Storage:

Prior to reconstitution store at 2-8°C.
Following reconstitution store the antibody undiluted at 2-8°C for one month
or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.